



INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
(use as many sheets as necessary)				Application Number	10/630,590
				Filing Date	July 29, 2003
				First Named Inventor	LU, PETER S.
				Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	VITA-008
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
32		US- 4,777,239			
32		US- 5,415,995			
32		US- 5,848,459			
32		US- 5,885,535			
32		US- 5,753,233			
32		US- 5,876,723			
32		US- 6,322,794			
32		US- 6,344,314			
32		US- 6,391,539			
OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
32		GARDIOL et al., ONCOGENIC HUMAN PAPILLOMAVIRUS E6 PROTEINS TARGET THE DISCS LARGE TUMOUR SUPPRESSOR FRO PROTEASOME-MEDIATED DEGRADATION, Oncogene, (1999), 18:5487-96			
32		GLAUNSINGER et al., INTERACTIONS OF THE PDZ-PROTEIN MAGI-1 WITH ADENOVIRUS E4-ORF1 AND HIGH-RISK PAPILLOMAVIRUS E6 ONCOPROTEINS, Oncogene, (2000), 19:5270-80			
32		KIYONO et al., BINDING OF HIGH-RISK HUMAN PAPILLOMAVIRUS E6 ONCOPROTEINS TO THE HUMAN HOMOLOGUE OF THE DROSOPHILA DISCS LARGE TUMOR SUPPRESSOR PROTEIN, Proc. Natl. Acad. Sci., (1997), 94:11612-6			
32		LEE et al., BINDING OF HUMAN VIRUS ONCOPROTEINS TO HDLG/SAP97, A MAMMALIAN HOMOLOG OF THE DROSOPHILA DISCS LARGE TUMOR SUPPRESSOR PROTEIN, Proc. Natl. Acad. Sci., (1997), 94:6670-5			
32		MESCHDE et al., ANTIBODIES AGAINST EARLY PROTEINS OF HUMAN PAPILLOMAVIRUSES AS DIAGNOSTIC MARKERS FOR INVASIVE CERVICAL CANCER, J. Clin. Microbiol., (1998), 36:475-80			
32		MUNGER et al., THE ROLE OF HUMAN PAPILLOMAVIRUSES IN HUMAN CANCERS, Front. Biosci., (2002), 7:d641-9			
32		PIM et al., HPV-18 E6 <sup>1</sup> PROTEIN MODULATES THE E6-DIRECTED DEGRADATION OF P53 BY BINDING TO FULL-LENGTH HPV-18 E6, Oncogene, (1999), 18:7403-8			
Examiner Signature				Date Considered	11/25/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/630,590	
			Filing Date	July 29, 2003	
			First Named Inventor	LU, PETER S.	
			Art Unit	1644	
Sheet	1	of	1	Examiner Name	
				Attorney Docket Number	VITA-008

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
32		US-5,610,077		03-11-97	DAVIS et al.	
32		US- 5,747,274		05-05-98	JACKOWSKI et al.	
32		US- 5,204,061		04-20-04	COVINGTON et al.	

  

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					

  

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS				
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), <small>publisher, city and/or country where published</small>		T <sup>2</sup>
		32		
32		GUIOT et al., IMMUNOLOGICAL DETECTION OF E6 REGION PROTEIN FROM HUMAN PAPILLOMAVIRUS TYPES 16 AND 18 IN PREMALIGNANT CERVICAL LESIONS, Cancer Cells, 1989, 7: 193-196		
32		MATHUR et al., HUMAN PAPILLOMAVIRUS (HPV)-E6/E7 AND EPIDERMAL GROWTH FACTOR RECEPTOR (EGF-R) PROTEIN LEVELS IN CERVICAL CANCER AND CERVICAL INTRAEPITHELIAL NEOPLASIA (CIN), American Journal of Re. Immun., 2001, 46(4): 280-287		

Examiner Signature		Date Considered	1/25/05
-----------------------	--	--------------------	---------

\*EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.